MWRA

MWRA Chelsea Facility Two Griffin Way Chelsea, MA 02150 Phone 617-305-5595 Fax 617-371-1616

Board Members

ACTUARIAL

James M. Fleming, Esq. (Chairperson), Thomas J. Durkin, Joseph C. Foti, Kevin McKenna, Frank J. Zecha

Board Administrator

Carolyn M. Russo **Board Meeting** Last Thursday of the month,

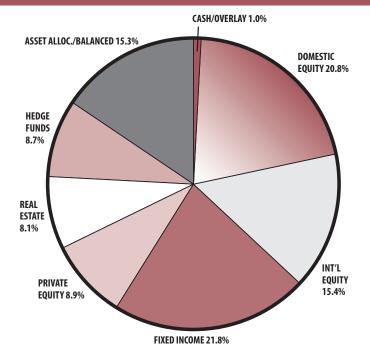
unless otherwise posted

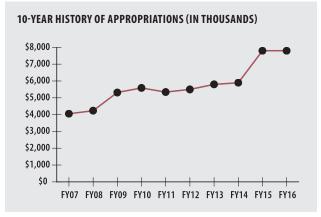


► Funded Ratio		98.3%
▶ Date of Last Valuation		01/15
► Actuary		The Segal Company
Assumed Rate of Return		7.75%
▶ Funding Schedule		4.5% Increasing
Year Fully Funded		2024
Unfunded Liability		\$7.6 M
► Total Pension Appropriation (Fiscal 2016)		\$8.2 M
	ACTIVE	RETIRED
Number of Members	1,090	476
► Total Payroll/Benefit	\$85.5 M	\$14.6 M
Average Salary/Benefit	\$78,500	\$30,600
► Average Age	52	70
▶ Average Service	18.2 years	NA



ASSET ALLOCATION (12/31/15)





28 years 2013 30 years 2015 29 years 2014 8.13% 8.38% 8.51% 10 years 2015 10 years 2014 10 years 2013 6.67% 7.43% 8.01% 5 years 2015 5 years 2014 5 years 2013

9.92%

13.38%

EARNED INCOME OF DISABILITY RETIREES (2014)		
► Number of Disability Retirees	57	
▶ Number Who Reported Earnings	14	
► Number of Excess Earners	1	
► Total Amount of Refund Due	\$4,829.28	
2015 Petrone	1.070/	

▶ 2015 Return	1.07%
▶ 2015 Market Value	\$444.8 M
▶ 2011-2015 (Annualized)	7.41%
▶ 1986-2015 (Annualized)	8.13%

INVESTMENT RETURN HISTORY

7.41%